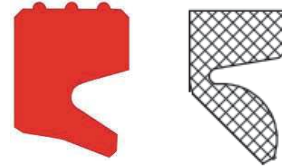


1**Main drive seal**

Maximum allowable pressure: 1M pa
 Working pressure: 0.5M pa
 The maximum continuous operating temperature: 80°C
 Maximum temperature: 110°C
 Lubrication: Grease lubrication
 Rotational speed: 0-3.2 m p
 Working hours: 40m in/h, 24h/day
 Seal form: Four lip seal as picture
 Sealing material: PU
 Shaft hardness above HRC 30
 Shaft clearance (non-concentricity) 2.5mm or less

**2****Main drive seal**

Maximum allowable pressure: 1M pa
 Working pressure: 0.5M pa
 Lubrication: Grease lubrication
 Rotational speed: Common working speed 3-4 rpm, the maximum speed 8rpm
 The maximum continuous operating temperature: 80°C
 Maximum temperature: 110°C
 Working hours: 50m in/h, 24h/day

**3****Link Seal**

Environment temperature: -28°C-50°C
 Relative humidity: 100%
 Average air pressure: 100.79Kpa
 Range of application: Underground Construction (soil, water, dust, vibration, mortar), may be underwater
 Air circulation speed: 0.5-6m/s, with salt
 Working time: 24h/day
 Service life of continuous running: 15000h
 Sealing form: lip seal as the picture
 Sealing Material: Polyurethane

**4****Safety door seal/Door seal**

Environment temperature: -28°C-50°C
 Relative humidity: 100%
 Average air pressure: 100.79Kpa
 Range of application: Underground Construction (soil, water, dust, vibration, mortar), may be underwater
 Air circulation speed: 0.5-6m/s, with salt
 Working time: 24h/day
 Service life of continuous running: 15000h
 Sealing form: lip seal as the picture
 Sealing Material: Polyurethane

Carbin door seal
 Working pressure: 0.4M pa
 Sealing Material: NBR

**UTEC Seal and Boring Machine--Efficient on-site service**

In addition to the seal types and forms listed above, UNITEC can also provide seals on all positions on the boring machine, such as: hydraulic cylinder full set of seals, shoe plate seals, valve full set of seals.

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